



INTERNAL  
CORRESPONDENCE

IN FILE COPY

UNION CARBIDE CORPORATION TECHNICAL CENTER  
P.O. BOX 8361 SOUTH CHARLESTON WV 25303

From: H. E. Rucker  
Date: 2009  
Location: 512  
Attn:

Date: July 23, 1987

Originating Dept: EM&TS - HS&EA

Area: Industrial Hygiene

Subject: Asbestos Exposure Monitoring

PLAINTIFF'S EXHIBIT

UC-2996

Copy to: B. H. Avashia, M.D. - 512/23  
W. L. Browning - 2009  
R. E. Coyner - 2009  
D. B. Matthews - 2009  
C. P. Maxwell - 701/2  
B. R. McMakin - 2009

Attached are the results of asbestos monitoring for two days on insulators at the Institute Plant while removing asbestos from lines in the tank farm between number two and number three docks on the river bank. Approximately 195 feet of 3-inch steam line was stripped. Glove bags and enclosures were not used because of heat involved in stripping the steam line melting the plastic. Amended water was used to wet the asbestos as soon as it was pulled away from the hot pipe.

All personal exposure samples were below the 0.1 fiber/cc action level. Employees should be ammended for the professional manner that was employed in this asbestos removal project. Exposure monitoring may not be needed on a continuous basis if other monitoring levels remain below the action level. Monitoring may not be needed if supplied air respirators in a positive pressure mode are used in asbestos removal projects. We encourage the use of supplied air respirators as much as possible in the asbestos abatement procedures.

Employees wore no street clothes, two pair of coveralls, headcovers, boots, gloves and AO R-57-A half-face HEPA cartridge respirators. They showered before lunch and at the end of the workday before leaving the plant.

Please inform P. K. Snodgrass, B. J. Agosti, S. R. Erskine and C. B. Clendenin of their exposure monitoring results as soon as possible. Have them sign and date this report and return it to M. A. Patel at Building 701-330.

UCC 024434

Asbestos Monitoring - continued

-2-

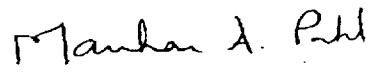
July 23, 1987

If you have any questions or if we can be of further assistance,  
please call us on extension 4779 or 3750.

WORK BY:

APPROVED BY:

  
Vance E. Stover & Howard J. Kimble

  
Manhar A. Patel

Attachment

VES:HJK:MAP:rab  
2524P

UCC 024435

Comp. Ref. W2241  
W2242

ASBESTOS EXPOSURE MONITORING

| <u>Date</u> | <u>Sample Type/<br/>Employee Name</u> | <u>Sampling<br/>Time</u> | <u>Air Conc.<br/>fibers/cc</u> | <u>TWAg<br/>fibers/cc</u> | <u>COMMENTS</u>                                                                                    |
|-------------|---------------------------------------|--------------------------|--------------------------------|---------------------------|----------------------------------------------------------------------------------------------------|
| 5-20-87     | Personal/<br>P. K. Snodgrass          | 7hrs 8min                | 0.040                          | 0.036                     | Stripped, bagged and vacuumed approx.<br>120 feet of line at tank farm<br>between #1 and #2 docks. |
| 5-20-87     | Personal/<br>B. J. Agosti             | 7hrs 5min                | 0.043                          | 0.038                     | Stripped, bagged and vacuumed approx.<br>120 feet of line at tank farm<br>between #1 and #2 docks. |
| 5-20-87     | Personal/<br>S. R. Erskine            | 7hrs 5min                | 0.062                          | 0.055                     | Stripped, bagged and vacuumed approx.<br>120 feet of line at tank farm<br>between #1 and #2 docks. |
| 5-20-87     | Personal/<br>C. B. Clendenin          | 7hrs 0min                | 0.076                          | 0.067                     | Stripped, bagged and vacuumed approx.<br>120 feet of line at tank farm<br>between #1 and #2 docks. |
| 6-1-87      | Personal/<br>P. K. Snodgrass          | 6hrs 58min               | 0.073                          | 0.063                     | Stripped, bagged and vacuumed approx.<br>75 feet of line at tank farm between<br>#1 and #2 docks.  |
| 6-1-87      | Personal/<br>B. J. Agosti             | 6hrs 58min               | 0.104                          | 0.090                     | Stripped, bagged and vacuumed approx.<br>75 feet of line at tank farm between<br>#1 and #2 docks.  |
| 6-1-87      | Personal/<br>C. B. Clendenin          | 6hrs 58min               | 0.110                          | 0.096                     | Stripped, bagged and vacuumed approx.<br>75 feet of line at tank farm between<br>#1 and #2 docks.  |

2524P

UCC 024436